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Report of Working Party on the Procurement of Intelligence Necessary for the Movement and Operations of Forces in Certain Territories

PRIORITY III: SOUTH-EAST ASIA

(MAY 1959)

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JOINT INTELLIGENCE COMMITTEE

NOTE

A minute + by the Secretary has been circulated to-day, in connection with the attached report ø

CABINET OFFICE, S.W.1.

10 JUL 1959

+ J.I.C./1157/59

ø Priority III - S.E. Asia

REPORT OF WORKING PARTY ON THE PROCUREMENT OF INTELLIGENCE NECESSARY FOR THE MOVEMENT AND OPERATIONS OF FORCES IN CERTAIN TERRITORIES

3 20 13

1. In accordance with the Terms of Reference contained in J.I.C./2297/57 and subsequently revised by J.I.C./285/58 and J.I.C.(58) 18th Meeting, Item 7, the Working Party submits herewith its report on the countries in Priority III (South-East Asia), compiled in consultation with J.I.B.(Melbourne). The countries considered are:-

North Borneo
Brunei
Sarawak
Malaya
Singapore
Hong Kong
Thailand
Vietnam (North and South)
Laos
Cambodia

The report consists of:-

(a) A list of recommendations (pages 3 to 5) for remedying deficiencies in U.K. holdings of information on these countries. These recommendations have been noted by the Joint Planning Staff at section level, and at this stage they have no reservations. The Working Party are informed that the Assistant Directors of Plans will shortly be visiting the Far East. They have been asked to enquire whether the BDCC(FE) consider that any areas not already covered by the Working Party should be covered. The Working Party wishes to draw the attention of the Committee to the following points bearing on the recommendations:-

See addendum (page 39)

(i) Responsibility for detailed collation on J.I.B. subjects in this area rests with Australia (J.I.B. Melbourne).

(ii) Where there is apparently a significant discrepancy in holdings, the J.I.Bs. in London and Melbourne will have to attempt a closer definition of these differences and where desirable, exchange material.

(iii) Insofar as a procurement effort is required in order to implement recommendations, the Committee might consider it helpful to invite Australian assistance, at the same time bearing in mind that Australian resources may be partly deployed in areas outside the Terms of Reference of this Working Party (e.g. Indonesia).

(iv) The Working Party made a considerable number of recommendations on air photography and mapping (including "going" maps) in respect of the Priority I and II countries. In view of the resources available to implement these recommendations, it is clear that recommendations on these subjects in respect of Priority III countries have no chance of being implemented in the shorter term unless Australian assistance can be enlisted.

(v) Beach intelligence is being dealt with separately by the Working Party (in accordance with the terms of J.I.C./111/59) and consequently no recommendations on this subject are made in this report.

(b) Appendix A which comprises notes for each country (pages 6 to 34) on the state of information under each subject heading. It will be seen that under the heading "Beaches" information in Australia is generally regarded as "barely adequate" whereas U.K. holdings are in each case regarded as "inadequate" on the grounds of not being held in a written-up form. It seems that this represents a difference of approach to the current review rather than a difference in actual holdings of basic material, since we are informed by J.I.B.(Melbourne) that staff limitations preclude detailed work on beaches and only the general appreciations required for strategic planning can be produced. Apart from perhaps a dozen or so reports known to be based on actual beach reconnaissance, they have nothing that is really known to be reliable for tactical beach-landing purposes.

(c) Appendix B consisting of two tables showing in as condensed a form as possible the adequacy or otherwise of information held in London and Melbourne under each subject heading for each priority country. These tables are in the end pocket.

(d) A base map of the Priority III area (Appendix H) with separate overlays showing the availability of the following:-

(i) Medium and small scale photography suitable for mapping (Appendix D).

(ii) Large scale photography (Appendix E).

(iii) Medium and large scale mapping : stock maps and library copies (Appendix F).

(iv) Medium and large scale mapping : stock maps only (Appendix G).

The base map and the overlays are all in the end pocket.

2. The state of information may be broadly summarised as follows:-

(a) Bad for North Vietnam and Laos.

(b) Inadequate in many respects for South Vietnam and Cambodia.

(c) Reasonably adequate for North Borneo (with Labuan), Brunei, Sarawak and Thailand, with exceptions in each case.

(d) Adequate for Malaya, Singapore and Hong Kong with relatively few exceptions in each case.

3. A number of sections of U.S. National Intelligence Surveys (N.I.S.) of the areas in question are held by J.I.B.(London). These, insofar as they are related to subjects considered in this report, are listed in Appendix C (pages 36 and 37). They have been taken into account in preparing the statements of availability of information.

4. Weather and Climate. Collection of data on weather and climate is the responsibility of the Meteorological Office who hold adequate information on all the countries in Priority III. There are detailed descriptions of climatic conditions in the N.I.D. Handbooks covering North and South Vietnam, Laos, Cambodia and Hong Kong and in the N.I.S. Chapters on "Weather and Climate" covering North and South Vietnam, Laos, Cambodia and Thailand. Generalised descriptions appear in the various A.I.S. Part I and J.I.B. Short Reports.

5. Background Material. Useful background material (e.g. ethnology, religions, financial systems, social organisations, etc.) is found to be contained in the publications of the Human Relations Area Files (produced by a group of American universities). Copies of those already published (North Borneo, Thailand and Cambodia) are being ordered by J.I.B. and new ones will be acquired as they become available.

RECOMMENDATIONS

NORTH BORNEO (with LABUAN)*, BRUNEI and SARAWAK

1. There is a need for larger scale mapping coverage of the territories as a whole.

2. Information on accommodation and local facilities should be improved and efforts should be made to obtain more town plans.

3. Information on airfields should be brought fully up-to-date.

4. "Going" maps should be produced for required areas.

5. Large scale air photography is required of certain areas.

MALAYA

1. There is a need for improvement in the quality of the mapping coverage.

2. "Going" maps should be produced as required.

3. Information on the following should be improved:- accommodation, public utilities, local facilities, railways. Much of the improvement can probably be achieved by obtaining copies of material held in Australia.

SINGAPORE

Information on accommodation, public utilities, local facilities and railways should be improved.

HONG KONG

1. More up-to-date detailed information on water supply should be obtained.

2. More recent town plans are required, but this is a matter of compilation rather than procurement.

3. More information should be obtained on accommodation, public utilities and local facilities.

THAILAND

1. The coverage of aerial photography at scales suitable for mapping purposes needs to be improved in respect of certain parts of the country.

2. Any further "going" map requirements should be considered in the light of the map held by J.I.B.(M).

3. Efforts should be made to obtain better information on public utilities, local facilities, accommodation and railways.

4. Information on special terrain characteristics should be improved. Deficiencies can probably be filled by obtaining copies of material held by J.I.B.(M).

*Although the island of Labuan is listed separately under Priority V it is dealt with here under North Borneo, of which it forms part.

NORTH VIETNAM

1. The quality of mapping and aerial photography at scales suitable for mapping purposes requires improvement in respect of certain parts of the country.

2. Information on airfields, ports, roads and motorable tracks, and railways should be brought up-to-date.

3. Large scale air cover is required of certain areas.

4. Further information should be obtained on defences.

5. More town plans should be obtained.

SOUTH VIETNAM

1. The quality of mapping and of aerial photography at scales suitable for mapping purposes requires improvement in respect of certain parts of the country.

2. Information should be obtained on defences.

3. More information should be obtained on accommodation, public utilities and local facilities; more town plans should be obtained.

4. Further consideration should be given to the need for larger scale "going" maps of certain parts of the country.

5. More information should be obtained on special terrain characteristics and on roads and motorable tracks.

LAOS

1. The quality of mapping and of aerial photography at scales suitable for mapping purposes requires improvement in respect of certain parts of the country.

2. Information on all aspects of terrain should be improved.

3. Further consideration should be given to the need for larger scale "going" maps of certain parts of the country.

4. Information on roads and motorable tracks, availability of M.T., and waterways should be improved.

5. More town plans should be obtained for the larger towns.

6. More information should be obtained on such accommodation, public utilities and local facilities as exist.

CAMBODIA

1. The quality of mapping and of aerial photography at scales suitable for mapping purposes requires improvement in respect of certain parts of the country.

2. Further consideration should be given to the need for larger scale "going" maps of certain parts of the country.

3. More information is needed on certain special terrain characteristics.

4. Information on roads and motorable tracks, and availability of M.T., and certain types of port information should be brought up-to-date.

5. More town plans should be obtained.

6. Information on accommodation, public utilities and local facilities should be improved.

A.J.P. CRICK,
Chairman
on behalf of the Working Party

1st May, 1959.

APPENDIX A

NOTES ON COUNTRIES BY SUBJECTS

(In the notes that follow 'A' signifies Australian holdings and 'B' signifies U.K. holdings)

NORTH BORNEO*

1. Mapping (see Appendices F and G). A. Bulk stocks are held of certain maps of which only library reference copies are held in the U.K.

B. Total cover is achieved only at 1:253,440 or smaller scales and is obsolete and inadequate in all respects. Limited areas are covered with modern planimetric maps (i.e. maps not giving height information) and restricted localities with modern contoured maps.

2. Operational Mapping Coverage Notes. A. These are not available.

B. These are not available.

3. Air Photography (see Appendices D and E)

(a) Large scale. A. Coverage is barely adequate for certain areas.

B. Coverage is barely adequate for certain areas.

(b) Medium and small scale. A. Coverage is the same as that held in the U.K.

B. Coverage is adequate for the country as a whole, though it is inadequate for restricted localities. A programme of 1:60,000 survey photography of the whole territory is in hand. Cover achieved so far is shown on Appendix D.

4. Tactical Targeting Material. A. This territory is in the R.A.A.F. targeting area. Phase A of their programme is nearing completion and J.I.B.(M) describe their holdings of this material as "good for the country as a whole".

B. No material is held.

5. General Reports on J.I.B. Subjects. A. None has been compiled in Australia.

B. A J.I.B. "Short Report on British Borneo Territories" was issued in 1957.

6. N.I.D. Handbooks. There is no handbook on this area.

7. Terrain

(a) General description. A. Information is inadequate, particularly for most of the interior.

B. Adequate information is held.

* Altthough the island of Labuan is listed separately under Priority V, it is dealt with in this report under North Borneo, of which it forms part.

(b) Special characteristics. A. Information is generally sparse.

B. Adequate information is held.

(c) "Going" maps. A. There are none.

B. There are none.

8. Transportation

(a) Roads and motorable tracks. A. Detailed information is poor.

B. Information is good and up-to-date.

(b) Railways. A. Information is adequate in general but certain basic documents are required.

B. Although certain basic documents are lacking, this is not considered a serious weakness for such a small system.

(c) Waterways. A. Detailed information is lacking.

B. Fairly extensive information is held dated 1945. It is thought unlikely that there have been any great changes since then.

(d) Availability of M.T. A. Information is lacking in detail.

B. Information is good and up-to-date.

9. Airfields. A. Good, up-to-date information is held on all airfields. A.I.S. Part VI was issued in November, 1957.

B. Information is generally good, but some recent developments are not fully covered.

10. Ports. A. Adequate information is held. A.I.S. Part VII will be issued by the end of 1960.

B. Information is fairly old and is held in the form of the Far East Station Port Handbook. This will be replaced by the A.I.S. Part VII when issued.

11. Beaches≠. A. Fairly good information is held.

B. Information is not held in a written-up form and is, therefore, not considered adequate.

12. Defences. Not an intelligence matter in this area.

13. Telecommunications. A. Information is good and up-to-date.

B. Information is good and up-to-date.

≠ See paragraph 1(b) of the covering note to this report.

14. Engineer Resources

(a) Construction materials. A. Information is inadequate for certain areas.

B. Information is adequate.

(b) Water supply. A. Information is only fair for the interior, but is good for the rest of the country.

B. Information is adequate.

(c) Geology and soils. A. Information is inadequate.

B. Information is inadequate.

15. Towns

(a) Town plans. A. These are inadequate. Up-to-date plans of all towns are required.

B. These are good for certain towns.

(b) Accommodation. A. Information is inadequate for the country as a whole.

B. Information is good for all the main towns.

16. Public Utilities. A. Information is fair for the larger towns, otherwise it is poor.

B. Information is good for the main towns.

17. Military Storage. Not an intelligence matter in this area.

18. Local Facilities. A. Information is adequate for oil storage, ice and cold storage, otherwise it is moderate to poor.

B. Information is good for all the main towns.

19. Medical and Health. A. J.I.B.(L)'s "Short Report on Health Conditions in Borneo - 1957" is held but is considered inadequate in certain respects (e.g. conditions and facilities in outlying areas).

B. Information is considered to be good for the country as a whole.

20. Colonial Defence Scheme. One is available.

BRUNEI

1. Mapping (see Appendices F and G). A. See paragraph 1A of North Borneo above.

B. See paragraph 1B of North Borneo above.

2. Operational Mapping Coverage Notes. A. These are not available.

B. These are not available.

3. Air Photography (see Appendices D and E).

(a) Large scale. A. Coverage is barely adequate for certain areas.

B. Coverage is barely adequate for certain areas.

(b) Medium and small scale. A. Coverage is the same as that held in the U.K.

B. Adequate coverage is held. A programme of 1:60,000 survey photography of the whole territory is in hand. Cover achieved so far is shown on Appendix D.

4. Tactical Targeting Material. A. This territory is in the R.A.A.F. targeting area. Phase A of their programme is nearing completion and J.I.B.(M) describe their holdings of this material as "good for country as a whole".

B. No material is held.

5. General Reports on J.I.B. Subjects. A. None has been compiled in Australia.

B. A J.I.B. "Short Report on British Borneo Territories" was issued in 1957.

6. N.I.D. Handbooks. There is no handbook on this area.

7. Terrain

(a) General description. A. Information is fair for the coastal area; otherwise it is inadequate but air photography could remedy the deficiency.

B. Adequate information is held.

(b) Special characteristics. A. Information is limited and lacking in detail, but air photography could remedy the deficiency.

B. Adequate information is held.

(c) "Going" maps. A. There are none.

B. There are none.

8. Transportation

(a) Roads and motorable tracks. A. Adequate information is held.

B. Information is good and up-to-date.

(b) Railways. A. Adequate information is held.

B. Information is inadequate but a copy of J.I.B.(M)'s basic data should suffice.

(c) Waterways. A. Information is barely adequate.

B. Fairly extensive information is held dated 1945. It is thought unlikely that there have been any great changes since then.

(d) Availability of M.T. A. Information is lacking in detail.

B. Information is good and up-to-date.

9. Airfields. A. Good, up-to-date information is held on all airfields. A.I.S. Part VI was issued in November, 1957.

B. Information is generally good, but some recent developments are not fully covered.

10. Ports. A. Adequate information is held. A.I.S. Part VII will be issued by the end of 1960.

B. Information is fairly old and is held in the form of the Far East Station Port Handbook. This will be replaced by the A.I.S. Part VII when issued.

11. Beaches/. A. Fairly good information is held.

B. Information is not held in a written-up form and is, therefore, not considered adequate.

12. Defences. Not an intelligence matter in this area.

13. Telecommunications. A. Information is good and up-to-date.

B. Information is good and up-to-date.

14. Engineer Resources

(a) Construction materials. A. Information is fair for the country as a whole.

B. Information is fair for the country as a whole.

(b) Water supply. A. Adequate information is held.

B. Adequate information is held.

(c) Geology and soils. A. Information is inadequate.

B. Information is good.

15. Towns

(a) Town plans. A. These are inadequate.

B. These are inadequate.

(b) Accommodation. A. Information is inadequate.

B. Information is good for certain areas, otherwise it is inadequate.

16. Public Utilities. A. Information is fair for the larger centres, otherwise it is inadequate.

B. Information is good for Seria, otherwise it is inadequate.

17. Military Storage. Not an intelligence matter in this area.

18. Local Facilities. A. Information is adequate for oil storage, otherwise it is fair.

B. Information is adequate for oil storage, otherwise it is fair.

/ See paragraph 1(b) of the covering note to this report.

19. Medical and Health. A. J.I.B.(L)'s "Short Report on Health Conditions in Borneo - 1957" is held but is considered inadequate in certain respects (e.g. conditions and facilities in outlying areas).

B. Information is considered to be good for the country as a whole.

20. Colonial Defence Scheme. One is available.

SARAWAK

1. Mapping (see Appendices F and G). A. Bulk stocks are held of certain maps of which only library reference copies are held in the U.K.

B. There is partial coverage with modern planimetric mapping at 1:50,000 scale. Total coverage at 1:126,000 and smaller scales is obsolete and/or inadequate due to lack of relief information.

2. Operational Mapping Coverage Notes. A. These are not available.

B. These are not available.

3. Air Photography (see Appendices D and E)

(a) Large scale A. Coverage is good for certain areas.

B. Coverage is good for certain areas, otherwise it is poor.

(b) Medium and small scale. A. Coverage is the same as that held in the U.K.

B. Coverage is barely adequate for the country as a whole. A programme of 1:60,000 survey photography of the whole territory is in hand. Cover achieved so far is shown on Appendix D.

4. Tactical Targeting Material. A. This territory is in the R.A.A.F. targeting area. Phase A of their programme is nearing completion and J.I.B. (M) describe their holdings of this material as "good for the country as a whole".

B. No material is held.

5. General Reports on J.I.B. Subjects. A. None has been compiled in Australia.

B. A J.I.B. "Short Report on British Borneo Territories" was issued in 1957.

6. N.I.D. Handbooks. There is no handbook on this area.

7. Terrain

(a) General description. A. Information is inadequate, particularly for the interior but air photography could remedy the deficiency.

B. Adequate information is held.

(b) Special characteristics. A. Information is limited, and lacking in detail, but air photography could remedy the deficiency.

B. Adequate information is held.

(c) "Going" maps. A. There are none.

B. There are none.

8. Transportation

(a) Roads and motorable tracks. A. Information is fairly good.

B. Information is good and up-to-date.

(b) Railways. There are none.

(c) Waterways. A. Information is sparse and lacking in detail.

B. Fairly extensive information is held dated 1945. It is thought unlikely that there have been any great changes since then.

(d) Availability of M.T. A. Information is lacking in detail.

B. Information is good and up-to-date.

9. Airfields. A. Good, up-to-date information is held on all airfields. A.I.S. Part VI was issued in November, 1957.

B. Information is generally good, but some recent developments are not fully covered.

10. Ports. A. Adequate information is held. A.I.S. Part VII will be issued by the end of 1960.

B. Information is fairly old and is held in the form of the Far East Station Port Handbook. This will be replaced by the A.I.S. Part VII when issued.

11. Beaches≠. A. Fairly good information is held.

B. Information is not held in a written-up form and is, therefore, not considered adequate.

12. Defences. Not an intelligence matter in this area.

13. Telecommunications. A. Information is good and up-to-date.

B. Information is good and up-to-date.

14. Engineer Resources

(a) Construction materials. A. Information is inadequate for certain materials.

B. Information is good.

≠ See paragraph 1(b) of the covering note to this report.

(b) Water supply. A. Information is adequate.

B. Information is adequate.

(c) Geology and soils. A. Information is inadequate for certain areas (western half of 3rd Division, and majority of 4th and 5th Divisions).

B. Information is inadequate for certain areas.

15. Towns

(a) Town plans. A. These are inadequate. Up-to-date plans of all towns are required.

B. These are inadequate for the country as a whole.

(b) Accommodation. A. Information is inadequate for the country as a whole.

B. Information is good for certain areas, otherwise it is inadequate.

16. Public Utilities. A. Information is fair for the larger towns, otherwise it is poor.

B. Information is good for certain areas.

17. Military Storage. Not an Intelligence matter in this area.

18. Local Facilities. A. Information is adequate for oil storage; for other facilities it varies from fair to poor.

B. Information on oil storage is adequate for the country as a whole; on other facilities it is adequate only for certain areas.

19. Medical and Health. A. J.I.B.(L)'s "Short Report on Health Conditions in Borneo - 1957" is held but is considered inadequate in certain respects (e.g. conditions and facilities in outlying areas).

B. Information is considered to be good for the country as a whole.

20. Colonial Defence Scheme. One is available.

MALAYA

1. Mapping (see Appendices F and G). A. Coverage is the same as that held in the U.K.

B. Although there is 1:63,360 scale cover for almost the whole of the country about two-thirds of this is inadequate for operational use due to age and/or inaccuracy. For certain restricted areas modern 1:25,000 mapping is available; for other areas wartime 1:25,000 mapping is inadequate. The situation is not susceptible to rapid improvement at current rates of civil and military output.

2. Operational Mapping Coverage Notes. A. These are not available.

B. These are available.

3. Air Photography (see Appendices D and E).

(a) Large scale. A. Coverage is good for the country as a whole.

B. Coverage is good for the country as a whole.

(b) Medium and small scale. A. Coverage is the same as that held in the U.K.

B. Coverage is adequate for the country as a whole, though it is inadequate for restricted localities. A programme of 1:60,000 survey photography of the whole territory is in hand. Cover achieved so far is shown on Appendix D.

4. Tactical Targeting Material. A. This country is in the R.A.A.F. targeting area (although the R.A.F. plays a contributory role). Phase A of their programme has been completed and J.I.B.(M) describe their holdings of this material as "good for the country as a whole".

B. The R.A.F. holds targeting material for 108 targets.

5. General Reports on J.I.B. Subjects. A. There is an A.I.S. Part I dated 1953 but it only covers a limited number of J.I.B. subjects.

B. None has been compiled in the U.K.

6. N.I.D. Handbooks. There is no handbook on this area.

7. Terrain

(a) General description. A. Adequate information is held.

B. Adequate information is held.

(b) Special characteristics. A. Information is adequate.

B. Information is adequate for certain areas.

(c) "Going" maps. A. There are none.

B. There are none.

8. Transportation

(a) Roads and motorable tracks. A. Information is adequate and up-to-date.

B. Information is adequate and up-to-date.

(b) Railways. A. Information is adequate and up-to-date.

B. Information is barely adequate; it is out-of-date in a number of respects (e.g. layout diagrams for main stations).

(c) Waterways. A. Information is inadequate.

B. Information was adequate as at 1948; it is not thought that there have been any major developments since then.

(d) Availability of M.T. A. Information is adequate and up-to-date.

B. Information is adequate and up-to-date.

9. Airfields. A. Good, up-to-date information is held on all airfields. A.I.S. Part VI was issued in November, 1957.

B. Information is good and up-to-date.

10. Ports. A. Information is adequate and up-to-date. A.I.S. Part VII, Vol. I is expected to be available later in 1959.

B. Information is fairly old and is held in the form of the Far East Station Port Handbook which will be replaced by the A.I.S. Part VII when issued.

11. Beaches[/]. A. Fairly good information is held.

B. Information is not held in a written-up form, and is, therefore, not considered adequate.

12. Defences. Not an intelligence matter in this area.

13. Telecommunications. A. Good, up-to-date information is held.

B. Good, up-to-date information is held.

14. Engineer Resources

(a) Construction materials. A. Information is reasonable except for structural steel supplies.

B. Information is of a similar state to that held by J.I.B. (M).

(b) Water supply. A. Adequate information is held.

B. Adequate information is held.

(c) Geology and soils. A. Information is inadequate because of the limited amount of survey work that has been done.

B. Information is inadequate but all that has been published is available in London.

15. Towns

(a) Town plans. A. Up-to-date plans are held for some of the principal towns; others are pre-war.

B. Holdings are generally up-to-date; there are a few gaps, but not on the very largest towns.

(b) Accommodation. A. Information is reasonably good for the larger towns; inadequate for the smaller towns.

B. Information is inadequate.

16. Public Utilities. A. Information is satisfactory as at present but information is needed on future plans.

B. Information is inadequate.

[/] See paragraph 1(b) of the covering note to this report.

17. Military Storage. Not an intelligence matter in this area.

18. Local Facilities. A. Information is adequate for oil storage; for other facilities it varies from fair to poor.

B. Information is adequate for oil storage and fire services; for other facilities it is only general and is out-of-date.

19. Medical and Health. A. Information is generally adequate.

B. Up-to-date information is held.

20. Colonial Defence Scheme. No longer applicable.

SINGAPORE

1. Mapping (see Appendices F and G). A. Coverage is the same as that held in the U.K.

B. Good modern coverage is available at 1:63,360 and 1:25,000. This is likely to require early revision due to rapidly changing circumstances.

2. Operational Mapping Coverage Notes. A. These are not available.

B. These are available.

3. Air Photography (see Appendices D and E).

(a) Large scale. A. Good coverage is held.

B. Good coverage is held.

(b) Medium and small scale. A. Coverage is of the same quality as that held in the U.K.

B. Coverage is adequate.

4. Tactical Targeting Material. A. This territory is in the R.A.A.F. targeting area (although the R.A.F. plays a contributory role). Phase A of their programme has been completed and J.I.B.(M) describe their holdings of this material as "good".

B. The R.A.F. holds targeting material for 12 targets.

5. General Reports on J.I.B. Subjects. A. There is an A.I.S. Part I dated 1953 but it only covers a limited number of J.I.B. subjects.

B. None has been compiled in the U.K.

6. N.I.D. Handbooks. There is no handbook on this area.

7. Terrain

(a) General description. A. Adequate information is held.

B. Adequate information is held.

(b) Special characteristics. A. Adequate information is held.

B. Information is inadequate.

(c) "Going" maps. A. There are none.

B. No up-to-date "going" map is held.

8. Transportation

(a) Roads and motorable tracks. A. Adequate, up-to-date information is held.

B. Information is adequate and up-to-date.

(b) Railways. A. Adequate, up-to-date information is held.

B. Information is adequate apart from the need for up-to-date rail layout diagrams for all main stations.

(c) Waterways. A. Adequate, up-to-date information is held.

B. Information was adequate as at 1948; it is not thought that there have been any major developments since then.

(d) Availability of M.T. A. Information is adequate and up-to-date.

B. Information is adequate and up-to-date.

9. Airfields. A. Good, up-to-date information is held on all airfields. A.I.S. Part VI was issued in November, 1957.

B. Good, up-to-date information is held on all airfields.

10. Ports. A. Information is adequate and up-to-date. A.I.S. Part VII, Vol. I is expected to be available later in 1959.

B. Adequate information is held.

11. Beaches[/]. A. Information is fairly good, but full information on some inshore approaches is lacking.

B. Information is not held in a written-up form and is, therefore, not considered adequate.

12. Defences. Not an intelligence matter in this area.

13. Telecommunications. A. Good, up-to-date information is held.

B. Good, up-to-date information is held.

14. Engineer Resources

(a) Construction materials. A. Fairly adequate information is held, except for details of structural steel supplies.

B. Information is of a similar state to that held by J.I.B.(M).

[/] See paragraph 1(b) of the covering note to this report.

(b) Water supply. A. Adequate information is held.

B. Adequate information is held.

(c) Geology and soils. A. Geological coverage is fairly good; soils information, including soils mapping, is totally inadequate.

B. Information is inadequate, but all that has been published is available in London.

15. Towns

(a) Town plans. A. Good town plans as late as 1954 are held.

B. Holdings are as for J.I.B.(M).

(b) Accommodation. A. Information is incomplete.

B. Information is not at all comprehensive or up-to-date.

16. Public Utilities. A. Information is adequate at present, but more is required on the future of St. James power station.

B. Information is inadequate.

17. Military Storage. Not an intelligence matter in this area.

18. Local Facilities. A. Information is adequate for oil storage; for other facilities it varies from fair to poor.

B. Information is adequate for oil storage and fire services; for other facilities it is only general and is out-of-date.

19. Medical and Health. A. Adequate information is held.

B. Adequate information is held.

20. Colonial Defence Scheme. One is available (as part of the old Malayan scheme).

HONG KONG

1. Mapping (see Appendices F and G). A. Coverage is the same as that held in the U.K.

B. Good coverage at 1:25,000, recently revised, is available for the Colony and New Territories. At 1:100,000 scale the mapping is based on older work and is likely to require early improvement.

2. Operational Mapping Coverage Notes. A. These are not available.

B. These are available.

3. Air Photography (see Appendices D and E).

(a) Large scale. A. Good coverage is held.

B. Good coverage is held.

(b) Medium and small scale. A. Coverage is available as for the U.K.

B. A programme of survey air photography is in hand for the current season, which will bring coverage up to an adequate state.

4. Tactical Targeting Material. A. No tactical targeting material is held.

B. This territory is in the U.S.A.F. targeting area. The R.A.F. holds tactical targeting material for 11 targets.

5. General Reports on J.I.B. Subjects. A. There are none.

B. There are none.

6. N.I.D. Handbooks. There is a handbook on this area dated 1945.

7. Terrain

(a) General description. A. Adequate information is held.

B. Adequate information is held.

(b) Special characteristics. A. Adequate information is held.

B. Information is inadequate.

(c) "Going" maps. A. There are none.

B. There are none, but a detailed land use survey has recently been completed which should give data on soil types and movement possibilities.

8. Transportation

(a) Roads and motorable tracks. A. Information is generally adequate, but more detail is needed concerning construction standards and load-carrying capacities.

B. Adequate, up-to-date information is held. There is also a J.I.B. basic report dated 1949: "Hong Kong and New Territories: A Brief Survey of Roads and Railways".

(b) Railways. A. Adequate, up-to-date information is held.

B. Adequate, up-to-date information is held.

(c) Waterways. There are none.

(d) Availability of M.T. A. A detailed breakdown of commercial vehicles by types is required.

B. Good, up-to-date information is held.

9. Airfields. A. Very good information is held and kept up-to- date in the A.I.S. Part VI (China).

B. Fairly full information is held.

10. Ports. A. Adequate information is held.

B. Adequate information is held.

11. Beaches[/]. A. Information is fairly good.

B. Adequate basic information is held, a beach reconnaissance having been carried out in 1949-50. The information has not, however, been written up and cannot, therefore, be considered adequate.

12. Defences. Not an intelligence matter in this area.

13. Telecommunications. A. Very comprehensive information is held; general information is up-to-date, but the latest line diagrams held are dated April, 1954.

B. Information is of a similar state to that held by J.I.B.(M).

14. Engineer Resources

(a) Construction materials. A. There is adequate information, except for timber and structural steel resources.

B. Information is of a similar state to that held by J.I.B.(M).

(b) Water supply. A. Detailed information is lacking.

B. Detailed information is lacking.

(c) Geology and soils. A. General geological information is fairly adequate; further information, including maps, is needed on soils.

B. Information is of a similar state to that held by J.I.B.(M). The recently completed land utilisation survey might provide some substitute for a soil survey.

15. Towns

(a) Town plans. A. No post-war plans are held.

B. No plans are held later than 1951, and there has been a great deal of new construction recently.

(b) Accommodation. A. Adequate information is held for Victoria and Kowloon; information is required for the rest of the territory.

B. Information is of a similar state to that held by J.I.B.(M).

16. Public Utilities. A. Detail is lacking for electric power, but is adequate for gas.

B. Information is inadequate.

17. Military Storage. Not an intelligence matter in this area.

18. Local Facilities. A. Information is adequate for oil storage, inadequate for other facilities.

B. Information is adequate for oil storage and fire services; for other facilities it is lacking in detail.

[/] See paragraph 1(b) of the covering note to this report.

19. Medical and Health. A. The Annual Report of the Health Department of the Colony gives excellent information.

B. Information is as for J.I.B.(M).

20. Colonial Defence Scheme. One is available in a special form entitled "Civilian Measures for Defence".

THAILAND

1. Mapping (see Appendices F and G). A. Coverage is the same as that held in the U.K.

B. The largest scale at which complete cover is available is 1:200,000/1:250,000 and this is generally inadequate for current use due to inaccuracy and age.
Maps, not in Roman script, are available for about one-third of the country at 1:50,000 or larger scales. These maps are barely adequate in terms of quality and up-to-dateness. In Roman script about one-fifth of the country is covered at 1:63,630 or larger scales mainly prepared by hasty or inadequate methods. Only a small proportion of existing mapping is adequately contoured due to a lack of detailed height information. Extensive joint U.S. - Thai programmes of mapping are in progress which should do much to improve the present situation.

2. Operational Mapping Coverage Notes. A. These are not available.

B. These are not available.

3. Air Photography (see Appendices D and E).

(a) Large scale. A. Good coverage is held for certain areas.

B. Good coverage is held for certain areas.

(b) Medium and small scale. A. Coverage is the same as that held in the U.K.

B. Coverage is barely adequate for the country as a whole, though it is adequate for certain areas. There is a current 1:60,000 survey cover programme for the Kra Isthmus south of 11° 30' N.

4. Tactical Targeting Material. A. This territory is in the R.A.A.F. targeting area with the R.A.F. playing a contributory role. Phase A of the R.A.A.F. programme has been completed.

B. The R.A.F. holds targeting material for 75 targets.

5. General Reports on J.I.B. Subjects. A. A.I.S. Thailand Part I (Provisional) was issued in 1950-53, covering most of the J.I.B. subjects included in this survey.

B. A J.I.B. "Short Report on Siam" was issued in 1951, covering most of the J.I.B. subjects included in this survey.

6. N.I.D. Handbooks. There is no handbook on this area.

7. Terrain

(a) General description. A. Information is adequate, but no generalised terrain map is available.

B. Adequate information is held.

(b) Special characteristics. A. General information on drainage and flooding is adequate, but local detail is not available in many places. Vegetation is covered by mapping at a scale of 1:250,000.

B. Information is inadequate.

(c) "Going" maps. A. Only a small scale "going" map has been prepared and local detail is often lacking, particularly in ricefield areas.

B. There are none.

8. Transportation

(a) Roads and motorable tracks. A. Information is adequate and fairly up-to-date.

B. Information is generally adequate, though there is a lack of it on the progress of various projects and plans.

(b) Railways. A. Information is generally good, but there is a need for a working timetable, and for station lay-out diagrams and line profile diagrams for some sections.

B. Basic data was fairly adequate as at 1955 but more recent information is lacking.

(c) Waterways. A. Apart from the Thai Irrigation Department map dated 1957, information is almost entirely of a general nature. More detail is required.

B. Information held is detailed but dated (1951).

(d) Availability of M.T. A. Up-to-date vehicle statistics are needed.

B. Up-to-date vehicle statistics are needed.

9. Airfields. A. Information is good and is kept up-to-date in the A.I.S. Part VI.

B. Very good information is held.

10. Ports. A. Information is adequate except for variable factors such as harbour craft and cranage. The Far East Station Port Handbook covering this area was issued in 1955.

B. Information is of a similar state to that held by J.I.B.(M).

11. Beaches[/]. A. Information is fairly good, but in many poorly charted areas full information on inshore approaches is lacking.

B. Information is not held in a written-up form and is not, therefore, considered adequate.

[/] See paragraph 1(b) of the covering note to this report.

12. Defences. A. What little there is to know is reasonably well known.

B. Information is adequate for the country as a whole.

13. Telecommunications. A. Information is lacking in detail.

B. No information is held by J.I.B.(L).

14. Engineer Resources

(a) Construction materials. A. Information is fairly adequate.

B. This subject is not dealt with by J.I.B.(L).

(b) Water supply. A. There is reasonable coverage.

B. This subject is not dealt with by J.I.B.(L).

(c) Geology and soils. A. There is little information to be had, but such as there is is held.

B. Information is of a similar state to that held by J.I.B.(M).

15. Towns

(a) Town plans. A. They are generally out-of-date.

B. Good post-war plans are not held except for Bangkok but it is not thought likely that many new developments have taken place.

(b) Accommodation. A. For the greater part of the country, information is out-of-date.

B. Information is reasonable in general terms, but it is rather out-of-date and in many cases details are lacking.

16. Public Utilities. A. Recent information is poor for most towns, including Bangkok.

B. Information is adequate for a general account, but many details are lacking.

17. Military Storage. A. Information is poor.

B. No information is held by J.I.B.(L).

18. Local Facilities. A. Apart from oil storage, information is extremely poor.

B. Information on oil storage is adequate, but for other facilities it is lacking in detail.

19. Medical and Health. A. Factors affecting health and prevalent diseases are fairly adequately covered, but information is inadequate for hospitals and availability of medical personnel.

B. A certain amount of information which would be useful to medical planners is available; there is a good deal of information on civil hospitals and their personnel.

NORTH VIETNAM

1. Mapping (see Appendices F and G). A. Coverage is of the same quality as that held in the U.K.

B. Although almost completely covered by mapping at 1:100,000, only limited areas are covered at 1:50,000 or larger. Relief information, is in general, defective and the general inadequacy of the mapping reflects the lack of basic large scale mapping for much of the area.

2. Operational Mapping Coverage Notes. A. These are not available.

B. These are not available.

3. Air photography (see Appendices D and E).

(a) Large scale. A. Good spot and block cover is held for certain areas.

B. Coverage is inadequate for the country as a whole.

(b) Medium and small scale. A. Coverage is the same as that held in the U.K.

B. Coverage is barely adequate only for certain areas.

4. Tactical Targeting Material. A. None is held.

B. This country is in the U.S.A.F. targeting area. Targeting material is held by the R.A.F. for 377 targets for North and South Vietnam together.

5. General Reports on J.I.B. Subjects. A. A.I.S. Indo-China Part I was issued in 1950, covering most of the J.I.B. subjects included in this survey.

B. A J.I.B. "Short Report on French Indo-China" was issued in 1950, covering most of the J.I.B. subjects included in this survey.

6. N.I.D. Handbooks. There is a handbook available dated 1943.

7. Terrain

(a) General description. A. Information is adequate, except in the regions along the northern border where more detail is necessary; only a small scale, generalised relief map is available.

B. Information is adequate.

(b) Special characteristics. A. General information on flooding is adequate but local detail is lacking in places, particularly outside the Red River delta; information on vegetation is very inadequate.

B. Insufficient detail of the minor terrain features is held.

(c) "Going" maps. A. Only small scale "going" maps have been prepared, and "going" information is not entirely adequate - further details are required about the possibility of tank movements in the rice fields of the Red River delta.

B. No "going" maps are held, and there are only very small scale maps of general "going" possibilities.

8. Transportation

(a) Roads and motorable tracks. A. Information is lacking in detail; administrative and technical information is quite inadequate.

B. Current information suffers from lack of detail and a low reliability rating; basic data is dated 1945.

(b) Railways. A. Holdings are poor, mainly because of war damage and the lack of detailed reporting on repairs. Station lay-out diagrams and availability of locomotives and rolling stock are required.

B. Basic data is generally adequate although dated 1945, but current information is sketchy.

(c) Waterways. A. The considerable amount of information held from French sources is still largely of value, but there is a requirement for certain recent details.

B. Information is of similar state to that held by J.I.B.(M).

(d) Availability of M.T. A. Statistical information is quite inadequate.

B. Up-to-date figures are required.

9. Airfields. A. Information is inadequate although the area is covered by the J.I.B.(L) Provisional Airfields List.

B. Information on this area is generally poor.

10. Ports. A. Basic information is adequate up to 1954, but information is sketchy in places on variable factors such as harbour craft and cranage. A.I.S. Indo-China Part VII, Vol I (1956) is available.

B. Information is of a state similar to that held by J.I.B.(M).

11. Beaches.* A. Information is fairly good, but in poorly charted areas, full information on inshore approaches is lacking.

B. Information is not held in a written-up form and is, therefore, not considered adequate.

12. Defences. A. Information on coastal and A.A. defences is reasonably good; otherwise it is poor.

B. Information is of a similar state to that held by J.I.B.(M).

* See paragraph 1(b) of the covering note to this report.

13. Telecommunications. A. Recent information is quite inadequate.

B. No information is held by J.I.B.(L).

14. Engineer Resources

(a) Construction materials. A. There is reasonable coverage on certain materials, but detailed information on mechanical equipment, sawmills and quarries is inadequate.

B. This subject is not dealt with by J.I.B.(L).

(b) Water supply. A. There is reasonable coverage.

B. This subject is not dealt with by J.I.B.(L).

(c) Geology and soils. A. Holdings are only fair on general geology and are inadequate for soils and soil maps; most of the area has been surveyed by the French Geological Survey of Indo-China, but holdings of their publications are poor.

B. Information is of a similar state to that held by J.I.B.(M).

15. Towns

(a) Town plans. A. Recent plans are required for all towns other than Hanoi and Haiphong.

B. Holdings are similar to those of J.I.B.(M).

(b) Accommodation. A. Information is inadequate. There is a 1952 N.I.S. which covers Hanoi and Haiphong in detail and briefly covers seven other towns.

B. Information is of a similar state to that held by J.I.B.(M).

16. Public Utilities. A. Information is inadequate generally.

B. Some general information only is held.

17. Military Storage. A. There is an almost total lack of recent information, except for a few isolated areas.

B. No information is held by J.I.B.(L).

18. Local Facilities. A. With the exception of storage capacities in the larger towns, only general information is available.

B. Information is even less adequate than that held by J.I.B.(M).

19. Medical and Health. A. Factors affecting health and prevalent diseases are fairly adequately covered; information is inadequate for hospitals and availability of medical personnel.

B. A reasonable amount of general information is held and a detailed report could be produced on reasonable notice being given.

SOUTH VIETNAM

1. Mapping (see Appendices F and G). A. Coverage is the same as that held in the U.K.

B. See paragraph 1B of North Vietnam above. Coverage of some small areas will be improved by current U.S. programmes.

2. Operational Mapping Coverage Notes A. These are not available.

B. These are not available.

3. Air Photography (see Appendices D and E).

(a) Large scale. A. Good spot and blockcover is held for certain areas.

B. Coverage is inadequate for the country as a whole.

(b) Medium and small scale. A. Coverage is the same as that held in the U.K.

B. Coverage is barely adequate for certain areas only.

4. Tactical Targeting Material. A. None is held.

B. This country is in the U.S.A.F. targeting area. Targeting material is held by the R.A.F. for 377 targets for North and South Vietnam together.

5. General Reports on J.I.B. subjects. A. A.I.S. Indo-China Part I was issued in 1950, covering most of the J.I.B. subjects included in this survey.

B. A J.I.B. "Short Report on French Indo-China" was issued in 1950, covering most of the J.I.B. subjects included in this survey.

6. N.I.D. Handbooks. There is a handbook available dated 1943.

7. Terrain

(a) General description. A. Fair detail is available and a small-scale, generalised relief map is available.

B. Information is adequate.

(b) Special characteristics. A. There are some deficiencies in flooding and drainage information, particularly in the small delta plains along the east coast.

B. Information is inadequate.

(c) "Going" maps. A. Only small-scale "going" maps have been prepared and information on "going" is not entirely adequate.

B. Only small-scale "going" maps are available.

8. Transportation

(a) Roads and motorable tracks. A. Administrative information is not sufficiently detailed or recent; in other respects it is adequate.

B. There are gaps in information on new works, road and bridge construction standards, road administration and maintenance.

(b) Railways. A. Information is generally adequate except for station lay-out diagrams and details of locomotive and rolling-stock park.

B. Basic data is generally adequate although dated 1945 and current information is fairly good, though there are one or two gaps.

(c) Waterways. A. General information is fairly good, but details are in many respects lacking.

B. Information is of a similar state to that held by J.I.B.(M).

(d) Availability of M.T. A. Statistical information is not sufficiently detailed or recent.

B. Up-to-date figures are required.

9. Airfields. A. Information is generally adequate. The area is covered by the J.I.B.(L) Provisional Airfield List.

B. Information is good.

10. Ports. A. Basic information is adequate up to 1954 but information is sketchy in places on variable factors such as harbourcraft and cranage. A.I.S. Indo-China Part VII, Vol. I (1956) is available.

B. Information is of a state similar to that held by J.I.B.(M).

11. Beaches.≠ A. Holdings are fairly good, but in poorly charted areas full information on inshore approaches is lacking.

B. Information is not held in a written-up form and is not, therefore, considered adequate.

12. Defences. A. No information is held.

B. No information is held.

13. Telecommunications. A. Information is inadequate for planning purposes and is dated not later than 1956.

B. No information is held by J.I.B.(L).

14. Engineer Resources

(a) Construction materials. A. There is reasonable coverage on certain materials and on mechanical equipment but detailed information on sawmills and quarries is generally inadequate.

≠ See paragraph 1(b) of the covering note to this report.

B. This subject is not dealt with by J.I.B.(L).

(b) Water supply. A. There is reasonable coverage.

B. This subject is not dealt with by J.I.B.(L).

(c) Geology and soils. A. Information is, in general, inadequate; soil and soil map information, in particular, is very poor.

B. Information is of a similar state to that held by J.I.B.(M).

15. Towns

(a) Town plans. A. Reasonable plans are held for Saigon and and Dalat but they are inadequate for other towns.

B. Holdings are similar to those of J.I.B.(M).

(b) Accommodation. A. Information is poor.

B. Information is poor.

16. Public Utilities. A. Holdings on electricity, water and sewerage are inadequate in all cases, and in other respects information is inadequate for all except the largest towns.

B. Some general information only is held.

17. Military Storage. A. There is an almost total lack of recent information.

B. No information is held by J.I.B.(L).

18. Local Facilities. A. Reasonable cover is held on storage of oil, food and refrigeration for Saigon and some other towns, but locational data is needed for all towns. Information is inadequate for repair facilities.

B. Reasonable information is held on oil storage and fire services in Saigon; otherwise information is general and dated.

19. Medical and Health. A. Factors affecting health and prevalent diseases are fairly adequately covered; information is inadequate for hospitals and the availability of medical personnel.

B. A reasonable amount of general information is held and a detailed report could be produced on reasonable notice being given.

LAOS

1. Mapping (see Appendices F and G). A. Coverage is the same as that held in the U.K.

B. About half the country is covered by mapping at 1:100,000, the other half at 1:250,000 or smaller scales. The mapping cover is generally inadequate due to defective basic mapping and age.

2. Operational Mapping Coverage Notes. A. These are not available.

B. These are not available.

3. Air Photography (see Appendices D and E).

(a) Large scale. A. Good spot cover is held for certain areas.

B. Coverage is inadequate for the country as a whole.

(b) Medium and small scale. A. Coverage is the same as that held in the U.K.

B. Coverage is barely adequate for certain areas only.

4. Tactical Targeting Material. A. None is held.

B. This country is in the U.S.A.F. targeting area. Targeting material is held by the R.A.F. for 50 targets.

5. General Reports on J.I.B. Subjects. A. A.I.S. Indo-China Part I was issued in 1950, covering most of the J.I.B. subjects included in this survey.

B. A J.I.B. "Short Report on French Indo-China" was issued in 1950 covering most of the J.I.B. subjects included in this survey.

6. N.I.D. Handbooks. There is a handbook available dated 1943.

7. Terrain

(a) General description. A. Information is adequate only for parts of the country; information on the area north of 18° N is lacking in detail. A small-scale, generalised relief map is available.

B. Only very sketchy information is available.

(b) Special characteristics. A. Information on drainage, flooding and settlement is inadequate; detailed information is needed on vegetation.

B. Information is inadequate.

(c) "Going" maps. A. Only small-scale "going" maps have been prepared and information on "going" is inadequate.

B. Only small scale maps are available.

8. Transportation

(a) Roads and motorable tracks. A. General information on the road system is adequate but detail is lacking on administration and on road-plant holdings. Certain basic documents are also required.

B. There are gaps in information on new works, road and bridge construction standards, road administration and maintenance.

(b) Railways. There are none.

(c) Waterways. A. Information on navigability dates from World War II apart from that on the Mekong. Information is required on craft and traffic on certain rivers and reconnaissance is required of certain streams.

B. Considerable information is held on the Mekong, but little on its tributaries. Requirements are similar to those of J.I.B.(M).

(d) Availability of M.T. A. Information is adequate.

B. Up-to-date figures are needed.

9. Airfields. A. Information is generally adequate. The area is covered by the J.I.B.(L) Provisional Airfield List.

B. Information is good.

10. Ports. Not applicable (Laos has no coastline).

11. Beaches. Not applicable (Laos has no coastline).

12. Defences. Laos is not thought to possess any fixed defences.

13. Telecommunications. A. Information is inadequate in general.

B. No information is held by J.I.B.(L).

14. Engineer Resources

(a) Construction materials. A. Information is reasonable on certain materials and on mechanical equipment; detailed information on sawmills and quarries is generally inadequate.

B. This subject is not dealt with by J.I.B.(L).

(b) Water supply. A. Information is reasonable.

B. This subject is not dealt with by J.I.B.(L).

(c) Geology and soils. A. Information is inadequate in detail and even in general terms is not fully adequate.

B. Information is of a similar state to that held by J.I.B.(M).

15. Towns

(a) Town plans. A. 1953-55 plans are held of Vientiane and Luang Prabang, but holdings on other towns are negligible.

B. Holdings are even less adequate that those of J.I.B.(M).

(b) Accommodation. A. With the exception of Vientiane, little information is held.

B. Virtually no post-war information is held.

16. Public Utilities. A. Information is inadequate.

B. Some general information only is held.

17. Military Storage. A. There is an almost total lack of such information, except for isolated areas.

B. No information is held by J.I.B.(L).

18. Local Facilities. A. Information is inadequate in all respects.

B. Very little post-war information is held.

19. Medical and Health. A. Information is fairly adequate on factors affecting health and prevalent diseases; it is inadequate for hospitals and the availability of medical personnel.

B. A reasonable amount of general information is held and a detailed report could be produced on reasonable notice being given.

CAMBODIA

1. Mapping (see Appendices F and G). A. Coverage is the same as that held in the U.K.

B. Only about half the country is covered by mapping at 1:100,000 or larger, and with the exception of limited areas of large scale cover the whole country must be considered as inadequately mapped due to defective basic mapping and age.

2. Operational Mapping Coverage Notes. A. These are not available.

B. These are not available.

3. Air Photography (see Appendices D and F).

(a) Large scale. A. Good spot cover is held for certain areas.

B. Coverage is inadequate for the country as a whole.

(b) Medium and small scale. A. Coverage is the same as that held in the U.K.

B. Coverage is barely adequate for restricted localities only.

4. Tactical Targeting Material. A. None is held.

B. This country is in the U.S.A.F. targeting area. Targeting material is held by the R.A.F. for 50 targets.

5. General Reports on J.I.B. Subjects. A. A.I.S. Indo-China Part I was issued in 1950, covering most of the J.I.B. subjects included in this survey.

B. A J.I.B. "Short Report on French Indo-China" was issued in 1950 covering most of the J.I.B. subjects included in this survey.

6. N.I.D. Handbooks. There is a handbook available dated 1943.

7. Terrain

(a) General description. A. Fair detail is held, but only a small-scale, generalised relief map is available.

B. Information is adequate.

(b) Special characteristics. A. General information on flooding and drainage is adequate, although local detail is lacking in many places. Vegetation is generally covered at a scale of 1:250,000.

B. Information is inadequate.

(c) "Going" maps. A. Only a small-scale "going" map has been prepared and although "going" information is fairly adequate, local detail is deficient in many places.

B. Only small-scale maps are held.

8. Transportation

(a) Roads and motorable tracks. A. Information is generally adequate, but recent, detailed route itineraries of most roads are required.

B. There are gaps in information on new works, road and bridge construction standards, road administration and maintenance.

(b) Railways. A. General information is good, but details of locomotives and rolling stock are required.

B. Basic data is generally adequate although dated 1945 and current information is fairly good, though there are one or two gaps.

(c) Waterways. A. Information is reasonably good, though in certain respects somewhat dated, particularly for the Tonle Sap.

B. Information is of a similar state to that held by J.I.B.(M).

(d) Availability of M.T. A. Detailed statistics are required.

B. Up-to-date figures are required.

9. Airfields. A. Information is generally adequate. This area is covered by the J.I.B.(L) Provisional Airfield List.

B. Information is good.

10. Ports. A. Basic information is adequate up to 1954 but information is sketchy in places on variable factors such as harbour craft and oranage. A.I.S. Indo-China Part VII, Vol. I (1956) is available.

B. Information is of a state similar to that held by J.I.B.(M).

11. Beaches/ A. Holdings are fairly good, but in poorly charted areas full information on inshore approaches is lacking.

B. Information is not held in a written-up form and is not, therefore, considered adequate.

/ See paragraph 1(b) of the covering note to this report.

12. Defences. Cambodia is not thought to possess any fixed defences.

13. Telecommunications. A. Information is generally fragmentary; in the instances where it is comprehensive it is dated not later than 1955.

B. No information is held by J.I.B.(L).

14. Engineer Resources

(a) Construction materials. A. There is reasonable coverage on certain materials and on mechanical equipment, but detailed information on sawmills and quarries is generally inadequate.

B. This subject is not dealt with by J.I.B.(L).

(b) Water supply. A. There is reasonable coverage.

B. This subject is not dealt with by J.I.B.(L)

(c) Geology and soils. A. Information on geology is fair in general but inadequate in detail; soil information is completely inadequate.

B. Information is of a similar state to that held by J.I.B.(M).

15. Towns

(a) Town plans. A. French plans (1953-54) are held for Phnom Penh and a few other towns; otherwise all holdings are pre-war or immediately post-war.

B. Some reasonably up-to-date plans are held of Phnom Penh but no plans are held of any other town.

(b) Accommodation. A. Information is poor.

B. Very little post-war information is held.

16. Public Utilities. A. With the exception of Phnom Penh, holdings are poor.

B. Some general information only is held.

17. Military Storage. A. There is an almost total lack of recent information.

B. No information is held by J.I.B.(L).

18. Local Facilities. A. Information is inadequate generally.

B. Very little post-war information is held.

19. Medical and Health. A. Factors affecting health and prevalent diseases are fairly adequately covered; information is inadequate for hospitals and the availability of medical personnel.

B. A reasonable amount of general information is held and a detailed report could be produced on reasonable notice being given.

APPENDIX B

Appendix B (Tables I and II) are in the end pocket.

APPENDIX C

SECTIONS OF U.S. NATIONAL INTELLIGENCE SURVEYS HELD IN J.I.B. (LONDON) ON PRIORITY III COUNTRIES ON SUBJECTS WITHIN THE TERMS OF REFERENCE OF THIS REPORT

(It will be noted that many of the items listed below are some years old and consequently are of uneven reliability as reference works).

COUNTRY	TITLE	DATE OF ISSUE
CAMBODIA	Medical:-	
	Health and Sanitation	1958
INDOCHINA	Military Geography:-	
	Introduction	1955
	Military Geographic Regions	1955
	Coasts and Landing Beaches	1953
	Weather and Climate	1952
	Topography	1954
	Urban Areas	1954
	Transportation and Telecommunications:-	
	Introduction	1954
	Railroads	1952
	Highways	1953
	Inland Waterways	1953
	Ports and Navigation Facilities	1952
	Telecommunications	1953
	Economic:-	
	Introduction	1957
	Agriculture, Fisheries and Forestry	1956
	Fuels and Power	1954
	Minerals and Metals	1954
	Manufacturing and Construction	1954
	Map and Chart Appraisal	1953
LAOS	Military Geography:-	
	Weather and Climate	1958
	Medical:-	
	Health and Sanitation	1958
NORTH VIETNAM	Medical:-	
	Health and Sanitation	1958
	Military Geography:-	
	Weather and Climate	1959
SOUTH VIETNAM	Medical:-	
	Health and Sanitation	1958
THAILAND	Military Geography:-	
	Introduction	1954
	Military Geographic Regions	1955
	Coasts and Landing Beaches	1952
	Weather and Climate	1952
	Topography	1955
	Urban Areas	1954
	Transportation and Telecommunications:-	
	Introduction	1954
	Railroads	1952
	Highways	1952
	Inland Waterways	1953
	Telecommunications	1953

COUNTRY	TITLE	DATE OF ISSUE
THAILAND (Cont'd)	Medical:-	
	Health and Sanitation	1955
	Economic:-	
	Introduction	1954
	Agriculture, Fisheries and Forestry	1954
	Fuels and Power	1953
	Minerals and Metals	1953
	Manufacturing and Construction	1953
	Map and Chart Appraisal	1953

APPENDICES D TO H

Appendices D to H (overlays and base map) are in the end pocket.

Addendum

ADDITIONAL RECOMMENDATIONS RESULTING FROM VISIT BY ASSISTANT DIRECTORS OF PLANS TO THE FAR EAST

MALAYA and SINGAPORE

Detailed information should be obtained about fishing and local craft and fishing grounds along certain parts of the coast.

THAILAND

More detailed information should be obtained on inland waterways and telecommunications.

NORTH VIETNAM

More detailed information should be obtained on rivers, aviation POL supplies and storage facilities, and telecommunications.

SOUTH VIETNAM

More detailed and up-to-date information should be obtained on inland waterways and telecommunications.

LAOS

More detailed information should be obtained on telecommunications.

CAMBODIA

More detailed and up-to-date information should be obtained on inland waterways and telecommunications.

Appendix B (Table I) to Report of Working Party on the Procurement of Intelligence Necessary for the Movement and Operations of Forces in Certain Territories

PRIORITY III COUNTRIES

AVAILABILITY OF INFORMATION (TABLE I)

(A=Information available in Australia)
(B=Information available in United Kingdom)

Appendix B to Report of Working Party on the Procurement of Intelligence Necessary for the Movement and Operations of Forces in Certain Territories

PRIORITY III COUNTRIES

		North Borneo*	Brunei	Sarawak	Malaya	Singapore	Hong Kong
1. **Mapping** (see Appendices F and G)	A	As for United Kingdom with some additions	As for United Kingdom with some additions	As for United Kingdom with some additions	As for United Kingdom	As for United Kingdom	As for United Kingdom
	B	Inadequate for country as a whole	Barely adequate for certain areas	Inadequate for country as a whole	Inadequate for country as a whole	Adequate	Adequate
2. **Operational Mapping**	A	Not available	Not available	Not available	Not available	Not available	Not available
Coverage Notes	B	Not available	Not available	Not available	Available	Available	Available
3. **Air Photography** (see Appendices D and E):—							
(*a*) Large Scale	A	As for United Kingdom with some additions	As for United Kingdom with some additions	As for United Kingdom with some additions	Adequate for country as a whole	Adequate	As for United Kingdom
	B	Barely adequate for certain areas	Barely adequate for certain areas	Adequate for certain areas	Adequate for country as a whole	Adequate	Adequate
(*b*) Medium and Small Scale ...	A	As for United Kingdom	As for United Kingdom	As for United Kingdom	As for United Kingdom	As for United Kingdom	As for United Kingdom
	B	Adequate for country as a whole	Adequate for country as a whole	Barely adequate for country as a whole	Adequate for country as a whole	Adequate	Barely adequate
4. **Tactical Targeting Material**	A	Adequate for country as a whole	Adequate for country as a whole	Adequate for country as a whole	Adequate for country as a whole	Adequate	Nil
	B	None is held	None is held	None is held	108 targets are covered	12 targets are covered	11 targets are covered
5. **General Reports on J.I.B. Subjects** ...	A	Nil	Nil	Nil	A.I.S. Part I, 1953 (not all J.I.B. subjects)	A.I.S., Part I, 1953 (not all J.I.B. subjects)	Nil
	B	J.I.B. "Short Report on British Borneo Territories" (1957)	J.I.B. "Short Report on British Borneo Territories" (1957)	J.I.B. "Short Report on British Borneo Territories" (1957)	Nil	Nil	Nil
6. **N.I.D. Handbooks**		None available on this area	None available on this area	None available on this area	None available on this area	None available	Available (1945)
7. **Terrain:**—							
(*a*) General Description	A	Inadequate for country as a whole	Inadequate for country as a whole	Inadequate for country as a whole	Adequate for country as a whole	Adequate	Adequate
	B	Adequate for country as a whole	Adequate for country as a whole	Adequate for country as a whole	Adequate for country as a whole	Adequate	Adequate
(*b*) Special Characteristics ...	A	Inadequate for country as a whole	Inadequate for country as a whole	Inadequate for country as a whole	Adequate for country as a whole	Adequate	Adequate
	B	Adequate for country as a whole	Adequate for country as a whole	Adequate for country as a whole	Adequate for certain areas	Inadequate	Adequate
(*c*) "Going" Maps	A	There are none	There are none	There are none	There are none	There are none	There are none
	B	There are none	There are none	There are none	There are none	Inadequate	There are none
8. **Transportation:**—							
(*a*) Roads and Motorable Tracks	A	Inadequate for country as a whole	Adequate for country as a whole	Barely adequate for country as a whole	Adequate for country as a whole	Adequate	Barely adequate
	B	Adequate for country as a whole	Adequate for country as a whole	Adequate for country as a whole	Adequate for country as a whole	Adequate	Adequate
(*b*) Railways	A	Barely adequate for country as a whole	Adequate for country as a whole	There are none	Adequate for country as a whole	Adequate	Adequate
	B	Adequate for country as a whole	Inadequate for country as a whole	There are none	Barely adequate for country as a whole	Barely adequate	Adequate
(*c*) Waterways	A	Inadequate for country as a whole	Barely adequate for country as a whole	Inadequate for country as a whole	Inadequate for country as a whole	Adequate	There are none
	B	Barely adequate for country as a whole	Barely adequate for country as a whole	Barely adequate for country as a whole	Barely adequate for country as a whole	Barely adequate	There are none
(*d*) Availability of M.T.	A	Barely adequate for country as a whole	Barely adequate for country as a whole	Barely adequate for country as a whole	Adequate for country as a whole	Adequate	Inadequate
	B	Adequate for country as a whole	Adequate for country as a whole	Adequate for country as a whole	Adequate for country as a whole	Adequate	Adequate
9. **Airfields**	A	Adequate for country as a whole	Adequate for country as a whole	Adequate for country as a whole	Adequate for country as a whole	Adequate	Adequate
	B	Barely adequate for country as a whole	Barely adequate for country as a whole	Barely adequate for country as a whole	Adequate for country as a whole	Adequate	Adequate
10. **Ports**	A	Adequate for country as a whole	Adequate for country as a whole	Adequate for country as a whole	Adequate for country as a whole	Adequate	Adequate
	B	Barely adequate for country as a whole	Barely adequate for country as a whole	Barely adequate for country as a whole	Adequate for country as a whole	Adequate	Adequate
11. **Beaches**†	A	Barely adequate for country as a whole	Barely adequate for country as a whole	Barely adequate for country as a whole	Barely adequate for country as a whole	Barely adequate	Barely adequate
	B	Inadequate for country as a whole	Inadequate for country as a whole	Inadequate for country as a whole	Inadequate for country as a whole	Inadequate	Inadequate
12. **Defences**	A	Not an intelligence matter in this area	Not an intelligence matter in this area	Not an intelligence matter in this area	Not an intelligence matter in this area	Not an intelligence matter	Not an intelligence matter
	B						
13. **Telecommunications**	A	Adequate for country as a whole	Adequate for country as a whole	Adequate for country as a whole	Adequate for country as a whole	Adequate	Adequate
	B	Adequate for country as a whole	Adequate for country as a whole	Adequate for country as a whole	Adequate for country as a whole	Adequate	Adequate
14. **Engineer Resources:**—							
(*a*) Construction Materials ...	A	Inadequate for certain areas	Barely adequate for country as a whole	Barely adequate for country as a whole	Barely adequate for country as a whole	Barely adequate	Adequate
	B	Adequate for country as a whole	Barely adequate for country as a whole	Adequate for country as a whole	Barely adequate for country as a whole	Barely adequate	Adequate
(*b*) Water Supply	A	Adequate for certain areas	Adequate for country as a whole	Adequate for country as a whole	Adequate for country as a whole	Adequate	Inadequate
	B	Adequate for country as a whole	Adequate for country as a whole	Adequate for country as a whole	Adequate for country as a whole	Adequate	Inadequate
(*c*) Geology and Soils	A	Inadequate for country as a whole	Inadequate for country as a whole	Inadequate for certain areas	Inadequate for country as a whole	Inadequate	Barely adequate
	B	Inadequate for country as a whole	Adequate for country as a whole	Adequate for country as a whole	Inadequate for country as a whole	Inadequate	Barely adequate
15. **Towns:**—							
(*a*) Town Plans	A	Inadequate for country as a whole	Inadequate for country as a whole	Inadequate for country as a whole	Adequate for certain areas	Barely adequate	Inadequate
	B	Adequate for certain areas	Inadequate for country as a whole	Inadequate for country as a whole	Inadequate for certain areas	Barely adequate	Inadequate
(*b*) Accommodation	A	Inadequate for country as a whole	Inadequate for country as a whole	Inadequate for country as a whole	Barely adequate for country as a whole	Barely adequate	Adequate for certain localities
	B	Adequate for certain areas	Adequate for certain areas	Adequate for certain areas	Inadequate for country as a whole	Inadequate	Adequate for certain localities
16 **Public Utilities**	A	Inadequate for certain areas	Inadequate for country as a whole	Barely adequate for certain areas	Barely adequate for country as a whole	Barely adequate	Barely adequate
	B	Adequate for country as a whole	Inadequate for country as a whole	Adequate for certain areas	Inadequate for country as a whole	Inadequate	Inadequate
17. **Military Storage**	A	Not an intelligence matter in this area	Not an intelligence matter in this area	Not an intelligence matter in this area	Not an intelligence matter in this area	Not an intelligence matter	Not an intelligence matter
	B						
18. **Local Facilities**	A	Adequate for certain facilities	Adequate for oil storage; barely adequate for others	Adequate for oil storage; inadequate for others	Adequate for oil storage; barely adequate for others	Adequate for oil storage; barely adequate for others	Adequate for oil storage; inadequate for others
	B	Adequate for certain areas	Adequate for oil storage; adequate certain areas for others	Adequate for oil storage; adequate certain areas for others	Adequate for oil storage and fire services; inadequate for others	Adequate for oil storage and fire services; inadequate for others	Adequate for oil storage and fire services; inadequate for others
19. **Medical and Health**	A	Inadequate for country as a whole	Inadequate for country as a whole	Inadequate for country as a whole	Adequate for country as a whole	Adequate	Adequate
	B	Adequate for country as a whole	Adequate for country as a whole	Adequate for country as a whole	Adequate for country as a whole	Adequate	Adequate
20. **Colonial Defence Schemes**		There is a scheme in existence	There is a scheme in existence	There is a scheme in existence	Not applicable	There is a scheme in existence	There is a scheme in existence

NOTES—

* Although the island of LABUAN is listed separately under Priority V it is dealt with here under NORTH BORNEO of which it forms part.

† See paragraph 1 (*b*) of the covering note to this report.

Appendix B (Table II) to Report of Working Party on the Procurement of Intelligence Necessary for the Movement and Operations of Forces in Certain Territories

PRIORITY III COUNTRIES

AVAILABILITY OF INFORMATION (TABLE II)

(A=Information available in Australia)
(B=Information available in United Kingdom)

Appendix B to Report of Working Party on the Procurement of Intelligence Necessary for the Movement and Operations of Forces in Certain Territories

PRIORITY III COUNTRIES

		Thailand	North Vietnam	South Vietnam	Laos	Cambodia
1. **Mapping** (see Appendices F and G)	A	As for United Kingdom	As for United Kingdom	As for United Kingdom	As for United Kingdom	As for United Kingdom
	B	Inadequate for country as a whole	Inadequate for country as a whole	Inadequate for country as a whole	Inadequate for country as a whole	Inadequate for country as a whole
2. **Operational Mapping**	A	Not available	Not available	Not available	Not available	Not available
Coverage Notes	B	Not available	Not available	Not available	Not available	Not available
3. **Air Photography** (see Appendices D and E):—						
(*a*) Large Scale	A	Adequate for certain areas	Adequate spot cover of certain areas	Adequate spot cover of certain areas	Adequate spot cover of certain areas	Adequate spot cover of certain areas
	B	Adequate for certain areas	Inadequate for country as a whole	Inadequate for country as a whole	Inadequate for country as a whole	Inadequate for country as a whole
(*b*) Medium and Small Scale ...	A	As for United Kingdom	As for United Kingdom	As for United Kingdom	As for United Kingdom	As for United Kingdom
	B	Barely adequate for country as a whole	Barely adequate for certain areas	Barely adequate for certain areas	Barely adequate for certain areas	Barely adequate for restricted localities
4. **Tactical Targeting Material**	A	Adequate for country as a whole	Nil	Nil	Nil	Nil
	B	75 targets are covered	377 targets are covered		50 targets are covered	50 targets are covered
5. **General Reports on J.I.B. Subjects** ...	A	A.I.S., Part I (Prov.), 1953 (not all J.I.B. subjects)	A.I.S., Part I, 1950 (not all J.I.B. subjects)	A.I.S., Part I, 1950 (not all J.I.B. subjects)	A.I.S., Part I, 1950 (not all J.I.B. subjects)	A.I.S., Part I, 1950 (not all J.I.B. subjects)
	B	J.I.B. " Short Report on Siam " (1951)	J.I.B. " Short Report on French Indo-China " (1950)	J.I.B. " Short Report on French Indo-China " (1950)	J.I.B. " Short Report on French Indo-China " (1950)	J.I.B. " Short Report on French Indo-China " (1950)
6. **N.I.D. Handbooks**		None available	Available (1943)	Available (1943)	Available (1943)	Available (1943)
7. **Terrain:**—						
(*a*) General Description	A	Adequate for country as a whole	Inadequate for certain areas	Adequate for country as a whole	Inadequate for country as a whole	Barely adequate for country as a whole
	B	Adequate for country as a whole	Adequate for country as a whole	Adequate for country as a whole	Inadequate for country as a whole	Adequate for country as a whole
(*b*) Special Characteristics ...	A	Barely adequate for country as a whole	Barely adequate for country as a whole	Barely adequate for country as a whole	Inadequate for country as a whole	Barely adequate for country as a whole
	B	Inadequate for country as a whole	Inadequate for country as a whole	Inadequate for country as a whole	Inadequate for country as a whole	Inadequate for country as a whole
(*c*) " Going " Maps	A	Inadequate for country as a whole	Barely adequate for country as a whole	Barely adequate for country as a whole	Inadequate for country as a whole	Inadequate for certain areas
	B	There are none	Inadequate for country as a whole	Barely adequate for country as a whole	Inadequate for country as a whole	Inadequate for country as a whole
8. **Transportation:**—						
(*a*) Roads and Motorable Tracks	A	Adequate for country as a whole	Inadequate for country as a whole	Barely adequate for country as a whole	Barely adequate for country as a whole	Barely adequate for country as a whole
	B	Adequate for country as a whole	Inadequate for country as a whole	Barely adequate for country as a whole	Barely adequate for country as a whole	Barely adequate for country as a whole
(*b*) Railways	A	Barely adequate for country as a whole	Inadequate for country as a whole	Barely adequate for country as a whole	There are none	Barely adequate for country as a whole
	B	Barely adequate for country as a whole	Barely adequate for country as a whole	Barely adequate for country as a whole	There are none	Barely adequate for country as a whole
(*c*) Waterways	A	Inadequate for country as a whole	Inadequate for country as a whole	Barely adequate for country as a whole	Barely adequate for country as a whole	Barely adequate for country as a whole
	B	Barely adequate for country as a whole	Inadequate for certain areas	Barely adequate for country as a whole	Barely adequate for certain areas	Barely adequate for country as a whole
(*d*) Availability of M.T.	A	Inadequate for country as a whole	Inadequate for country as a whole	Inadequate for country as a whole	Adequate for country as a whole	Inadequate for country as a whole
	B	Inadequate for country as a whole	Inadequate for country as a whole	Inadequate for country as a whole	Inadequate for country as a whole	Inadequate for country as a whole
9. **Airfields**	A	Adequate for country as a whole	Inadequate for country as a whole	Adequate for country as a whole	Adequate for country as a whole	Adequate for country as a whole
	B	Adequate for country as a whole	Inadequate for country as a whole	Adequate for country as a whole	Adequate for country as a whole	Adequate for country as a whole
10. **Ports**	A	Adequate for country as a whole	Barely adequate for country as a whole	Barely adequate for country as a whole	Not applicable (no coastline)	Barely adequate for country as a whole
	B	Adequate for country as a whole	Barely adequate for country as a whole	Barely adequate for country as a whole	Not applicable (no coastline)	Barely adequate for country as a whole
11. **Beaches***	A	Barely adequate for country as a whole	Barely adequate for country as a whole	Barely adequate for country as a whole	Not applicable (no coastline)	Barely adequate for country as a whole
	B	Inadequate for country as a whole	Inadequate for country as a whole	Inadequate for country as a whole	Not applicable (no coastline)	Barely adequate for country as a whole
12. **Defences**	A	Adequate for country as a whole	Barely adequate for country as a whole	Inadequate for country as a whole	There are none	There are none
	B	Adequate for country as a whole	Barely adequate for country as a whole	Inadequate for country as a whole	There are none	There are none
13. **Telecommunications**	A	Barely adequate for country as a whole	Inadequate for country as a whole	Inadequate for country as a whole	Inadequate for country as a whole	Inadequate for country as a whole
	B	Not dealt with by J.I.B. (L.)	Not dealt with by J.I.B. (L.)	Not dealt with by J.I.B. (L.)	Not dealt with by J.I.B. (L.)	Not dealt with by J.I.B. (L.)
14. **Engineer Resources:**—						
(*a*) Construction Materials ...	A	Adequate for country as a whole	Barely adequate for country as a whole	Barely adequate for country as a whole	Barely adequate for country as a whole	Barely adequate for country as a whole
	B	Not dealt with by J.I.B. (L.)	Not dealt with by J.I.B. (L.).	Not dealt with by J.I.B. (L.)	Not dealt with by J.I.B. (L.)	Not dealt with by J.I.B. (L.)
(*b*) Water Supply	A	Adequate for country as a whole	Adequate for country as a whole	Adequate for country as a whole	Adequate for country as a whole	Adequate for country as a whole
	B	Not dealt with by J.I.B. (L.)	Not dealt with by J.I.B. (L.)	Not dealt with by J.I.B. (L.)	Not dealt with by J.I.B. (L.)	Not dealt with by J.I.B. (L.)
(*c*) Geology and Soils	A	Inadequate for country as a whole	Barely adequate for country as a whole	Inadequate for country as a whole	Inadequate for country as a whole	Inadequate for country as a whole
	B	Inadequate for country as a whole	Barely adequate for country as a whole	Inadequate for country as a whole	Inadequate for country as a whole	Inadequate for country as a whole
15. **Towns:**—						
(*a*) Town Plans	A	Inadequate for country as a whole	Adequate for certain areas	Inadequate for country as a whole	Inadequate for country as a whole	Inadequate for country as a whole
	B	Inadequate for certain areas	Adequate for certain areas	Adequate for certain areas	Inadequate for country as a whole	Adequate for certain areas
(*b*) Accommodation	A	Inadequate for country as a whole	Inadequate for country as a whole	Inadequate for country as a whole	Inadequate for country as a whole	Inadequate for country as a whole
	B	Barely adequate for country as a whole	Inadequate for country as a whole	Inadequate for country as a whole	Inadequate for country as a whole	Inadequate for country as a whole
16. **Public Utilities**	A	Inadequate for country as a whole	Inadequate for country as a whole	Inadequate for country as a whole	Inadequate for country as a whole	Inadequate for country as a whole
	B	Inadequate for country as a whole	Inadequate for country as a whole	Inadequate for country as a whole	Inadequate for country as a whole	Inadequate for country as a whole
17. **Military Storage**	A	Inadequate for country as a whole	Inadequate for country as a whole	Inadequate for country as a whole	Inadequate for country as a whole	Inadequate for country as a whole
	B	Not dealt with by J.I.B. (L.)	Not dealt with by J.I.B. (L.)	Not dealt with by J.I.B. (L.)	Not dealt with by J.I.B. (L.)	Not dealt with by J.I.B. (L.)
18. **Local Facilities**	A	Adequate for oil storage; inadequate for others	Inadequate for country as a whole	Inadequate for country as a whole	Inadequate for country as a whole	Inadequate for country as a whole
	B	Adequate for oil storage; inadequate for others	Inadequate for country as a whole	Inadequate for country as a whole	Inadequate for country as a whole	Inadequate for country as a whole
19. **Medical and Health**	A	Inadequate for country as a whole	Barely adequate for country as a whole	Barely adequate for country as a whole	Barely adequate for country as a whole	Barely adequate for country as a whole
	B	Barely adequate for country as a whole	Adequate for country as a whole	Adequate for country as a whole	Adequate for country as a whole	Adequate for country as a whole
20. **Colonial Defence Schemes**		Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

NOTE.—
* See paragraph 1 (*b*) of the covering note to this report.

OVERLAY SHOWING AVAILABILITY OF OPERATIONAL MAPPING (STOCK MAPS ONLY)—PRIORITY III AREA

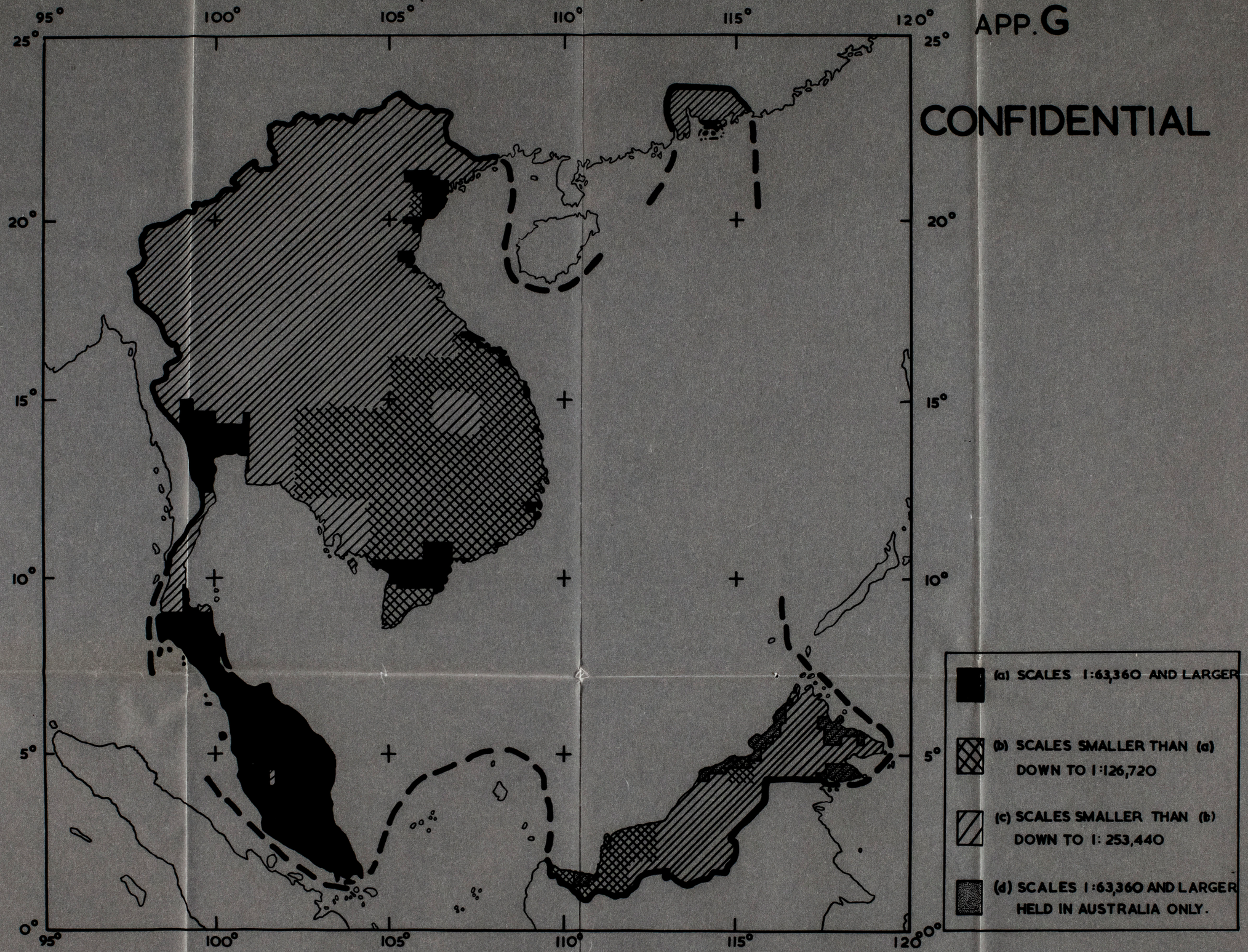
Appendix G to
Report of Working Party on the Procurement of Intelligence Necessary for the Movement and Operations of Forces in Certain Territories

OPERATIONAL MAPPING

(Available in stock quantities)

APP. G

CONFIDENTIAL



OR 2557/C

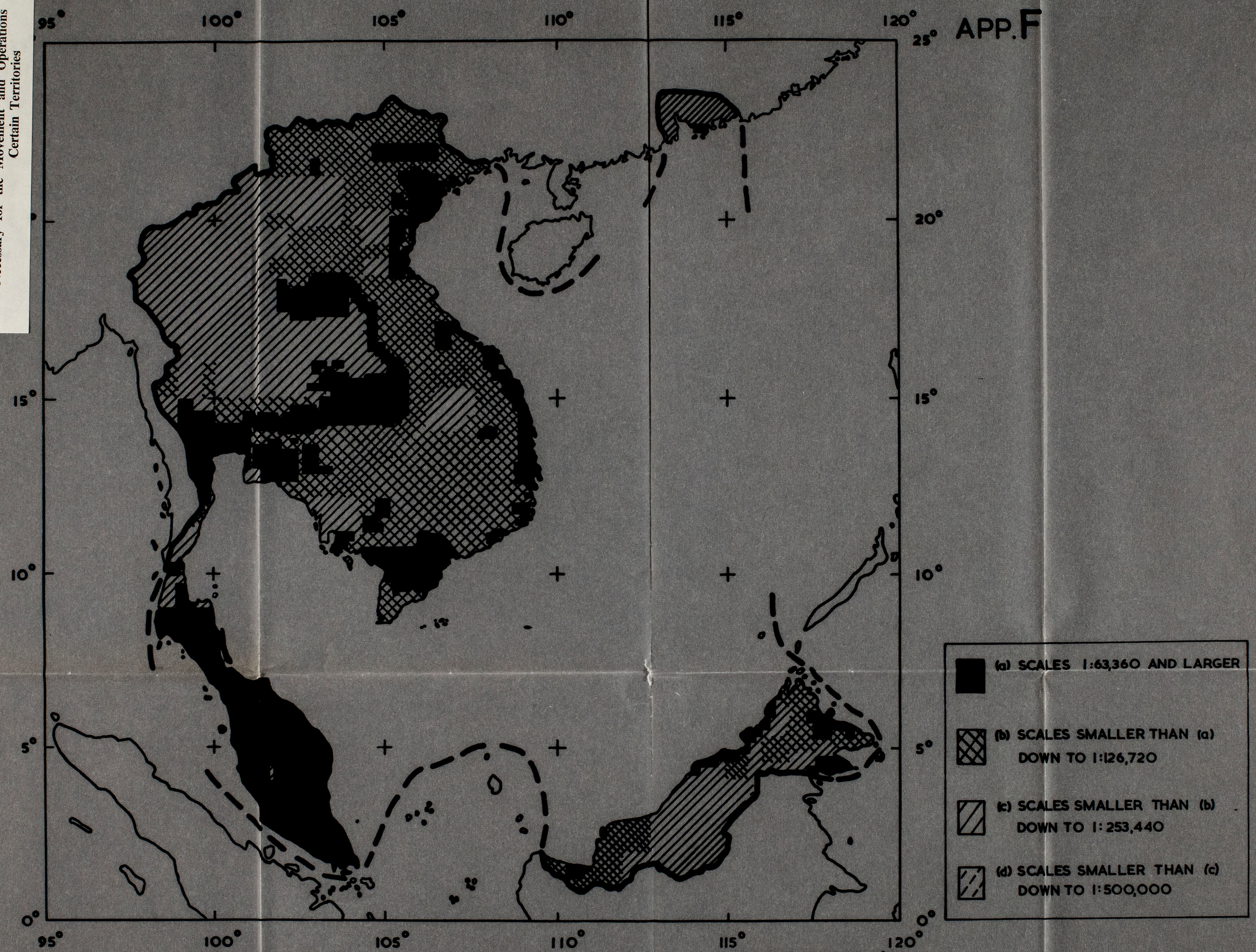
OVERLAY SHOWING MAPPING COVERAGE (STOCK MAPS AND LIBRARY REFERENCE COPIES)—
PRIORITY III AREA

Appendix F to
Report of Working Party on the Procurement of Intelligence Necessary for the Movement and Operations of Forces in Certain Territories

MAPPING COVERAGE

SECRET

APP. F



NOTE:- MUCH OF THE MAPPING SHOWN ON THIS DIAGRAM IS AVAILABLE ONLY IN THE FORM OF LIBRARY REFERENCE COPIES.

OR 2557/B

BASE MAP—PRIORITY III AREA

Appendix H to
Report of Working Party on the Procurement of Intelligence Necessary for the Movement and Operations of Forces in Certain Territories

BASE MAP - PRIORITY III AREA

APP. H

OR 2557

150/6/59/484/2 SPC (AIR)

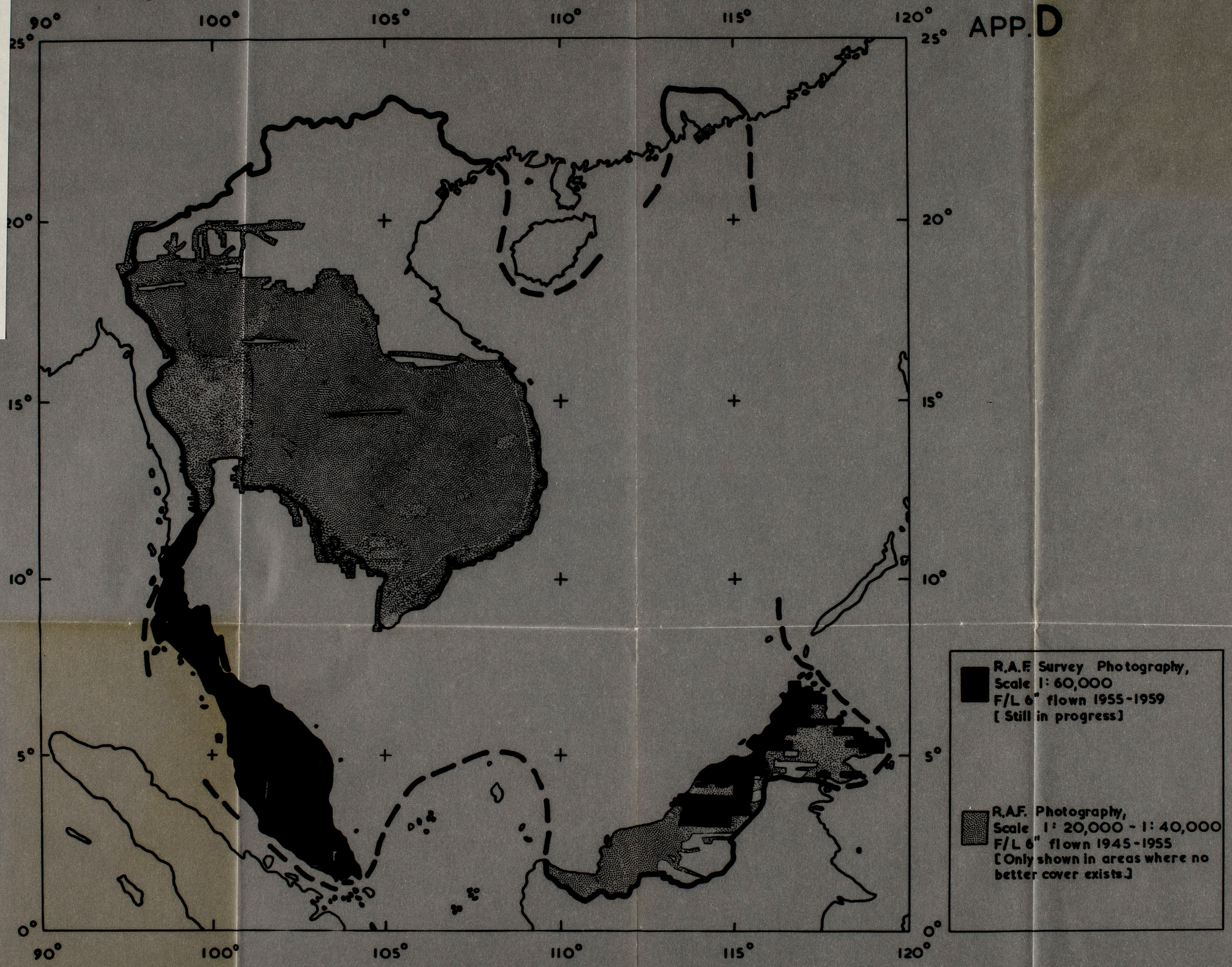
OVERLAY SHOWING AVAILABILITY OF MEDIUM AND SMALL-SCALE PHOTOGRAPHY SUITABLE FOR MAPPING PURPOSES—PRIORITY III AREA

Appendix D to
Report of Working Party on the Procurement of Intelligence Necessary for the Movement and Operations of Forces in Certain Territories

MEDIUM & SMALL SCALE PHOTOGRAPHY SUITABLE FOR MAPPING PURPOSES.

SECRET [FROM INFORMATION HELD BY D. SURVEY, WAR OFFICE AT 1st. MAY, 1959]

APP. D



OR 2557/D

OVERLAY SHOWING AVAILABILITY OF LARGE-SCALE PHOTOGRAPHY—PRIORITY III AREA

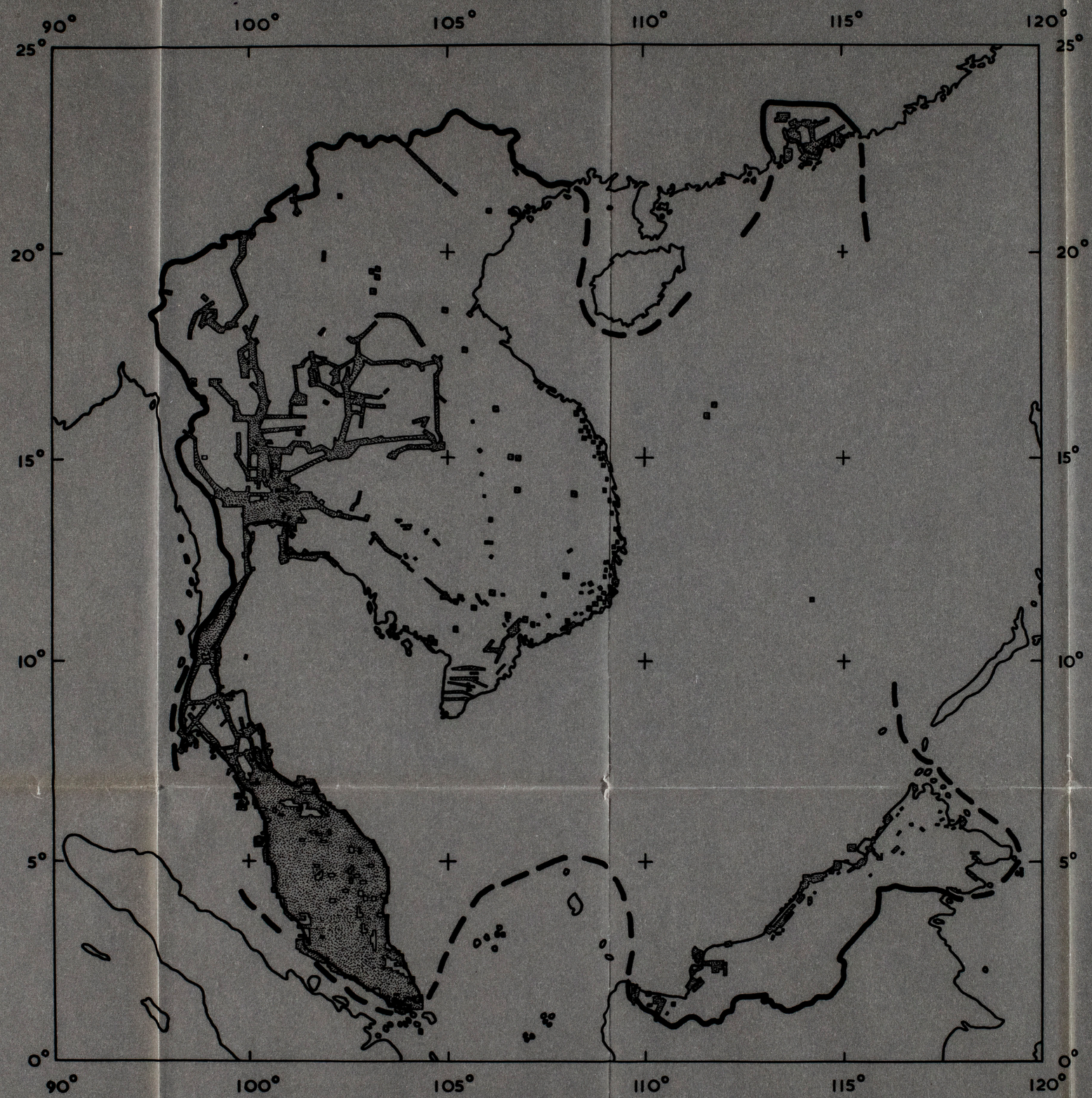
Appendix E to
Report of Working Party on the Procurement of Intelligence Necessary for the Movement and Operations of Forces in Certain Territories

AVAILABLE LARGE SCALE PHOTOGRAPHY SCALE 1:15,000 AND LARGER

SECRET

INFORMATION AS AT 1st. MAY, 1959.

APP. E



OR 2557/A

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FOR THE
PUBLIC SERVICE

TOP SECRET

TOP SECRET